

A fast jet oxygen mask for a 1000mph super-sonic car!

Developing a breathing system for the driver of a car that will travel at 1,000mph presents some pretty unique challenges - challenges that were overcome by fast jet oxygen mask experts at Cam Lock, at their UK operation in Aldershot.

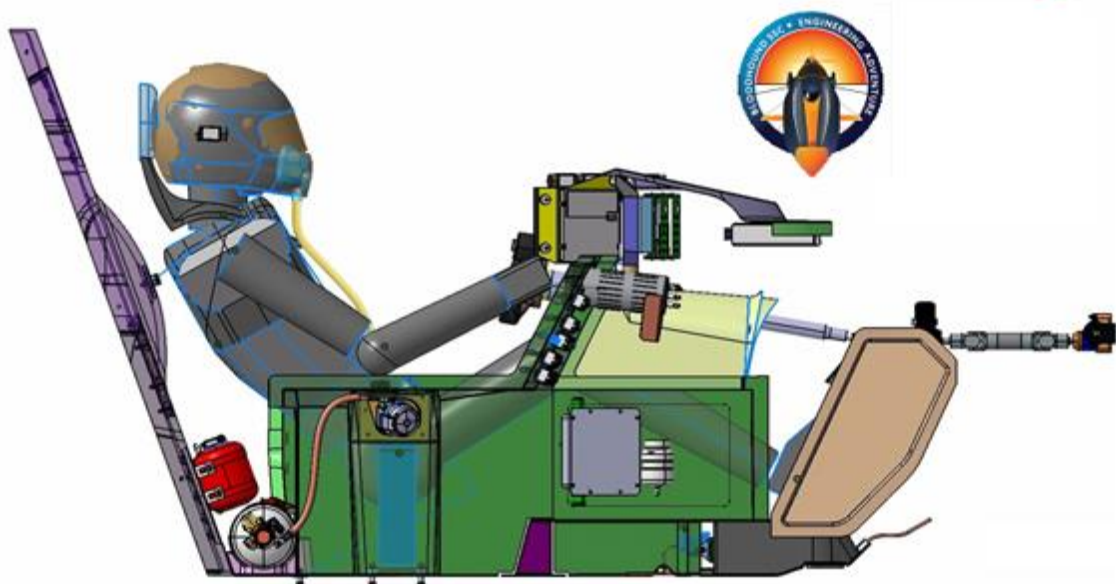
As part of a sponsorship agreement with The Bloodhound Project - a three-year mission lead by Richard Noble OBE to create a land speed record car capable of achieving 1,000mph, Cam Lock has designed and developed a breathing system for the Bloodhound SSC (Super Sonic Car) incorporating its ADOM^{9G} fast jet pilot oxygen mask - the only true dynamic oxygen mask in the world with mask seal performance under sustained accelerations of up to +9Gs.

John Swatton, Cam Lock's Business Development Director commented:

"Our ADOM^{9G} oxygen mask has been designed and developed to meet and exceed the demands of current and future aircraft platforms including the likes of the Eurofighter Typhoon and Saab Gripen. It's the perfect oxygen mask system for the Bloodhound SSC."

The record attempt will see the car travelling at upwards of 1,000mph. The wheels will be turning at approximately 10,000rpm over a 12 mile desert track at the Hakskeen Pan in South Africa. It is anticipated that the car will reach its target speed in just 55 seconds.

Cam Lock was involved in the design and manufacturer of the entire driver breathing system for the project, from the gas cylinder right up to the driver's F1 helmet. With minimal space in the cockpit and in the helmet itself, various unique adaptations were required.





Steve Skeggs, Sales Director at Cam Lock added:

"We've worked hard with Andy and the team at The Bloodhound Project to develop a breathing air system that provides everything Andy needs to undertake this record attempt, ensuring nothing interferes with operations in the cockpit and everything is set for any emergency egress situation."

For more information please contact Cam Lock's Business Development Director, John Swatton using the following details, or visit the Cam Lock pod found on the Bloodhound pavilion marquee, near to gate E at the Farnborough International Air Show - where you can also see the Super Sonic car itself!

Cam Lock contact details:

Tel: +44 (0)1252 366 648
Fax: +44 (0)1252 330 218
Email: info@camlockuk.com
Web: www.camlockuk.com

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